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Cust m r N : 21874

Attorney Docket No.: 46237/55852

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT:** Charles F. Heinig, Jr.

**U.S.S.N.:** 10/071,565

**GROUP ART UNIT:** 1723

**FILED:** February 8, 2002

**EXAMINER:** Not Yet Known

**FOR:** TREATMENT MEDIA FOR WATER PURIFICATION

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TC 1700

\*\*\*\*\*  
**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on April 3, 2002.

By: 

Donna R. Davis

\*\*\*\*\*  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. **LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- a. X Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. \_\_\_\_\_ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_. The following references were submitted to, and/or cited by, the Office in the prior application (s) and, therefore, are not required to be provided in this application.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

- a. X Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b. \_\_\_\_\_ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c. \_\_\_\_\_ The following additional information is provided for the Examiner's consideration:

**FEES**

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)  
(check one box)

- a. X within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1). No fee or certification is required.
- b. \_\_\_\_\_ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2). No fee or certification is required.

- c. \_\_\_\_\_ Before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):  
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. \_\_\_\_\_ No certification; therefore, a fee in the amount of \$240.00 is required by 37 C.F.R. § 1.17(p).  
or  
b. \_\_\_\_\_ See the certification below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. \_\_\_\_\_ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or  
b. X \_\_\_\_\_ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

Customer No.: 21874  
Attorney Docket No.: 46237/55852  
U.S. Serial No.: 10/071,565  
Filing Date: February 8, 2002  
Group Art Unit: 1723  
Examiner: Not Yet Known  
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c. \_\_\_\_\_ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

\_\_\_\_\_ Please charge Deposit Account No. 04-1105 in the amount of \$240.00 for the above-indicated fee. A triplicate copy of this paper is attached.


\_\_\_\_\_ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and charge the appropriate fee to Deposit Account No. **04-1105**.

Respectfully submitted,

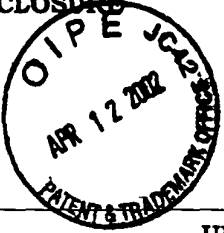
Date: April 3, 2002

By:



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<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>			<b>DOCKET NO.:</b> 46237/55852		<b>SERIAL NO.:</b> 10/071,565		
			<b>APPLICANT(S):</b> Charles F. Heinig, Jr.				
			<b>FILING DATE:</b> February 8, 2002		<b>GROUP NO.:</b> 1723		
<b>UNITED STATES PATENT DOCUMENTS</b>							
<b>EXAM. INITIALS</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUB-CLASS</b>	<b>FILING DATE IF APPROPRIATE</b>
	AA	D352,091	11/1/94	LeMire, et al.	D23	209	10/8/93
	AB	4,504,387	3/12/85	LeMire, et al.	210	101	10/31/83
	AC	4,608,247	8/26/86	Heinig, Jr.	424	16	10/24/84
	AD	4,935,116	6/19/90	LeMire	204	237	11/16/88
	AE	5,352,369	10/4/94	Heinig, Jr.	210	760	4/1/93
	AF	5,478,467	12/26/95	LeMire, et al.	210	206	7/29/94
	AG	5,660,802	8/26/97	Archer, et al.	422	261	5/11/95
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUB-CLASS</b>	<b>TRANSLATION YES/NO</b>
	BA						
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>							
	CA	"Silver Carbon Filter Purifies Swimming Pool," The Silver Institute Letter, Information on Silver for Industry, Vol. III, Number 5, May 1973.					
	CB	"Silver Guards Good Health," The Silver Institute Letter, Information on Silver for Industry, Vol. V, Number 5, May 1975.					
	CC	"Silver Clears Up Polluted Water," The Silver Institute Letter, Information on Silver for Industry, Vol. III, Number 7, July-August 1973.					
	CD	"Tests Show Silver Best Water Purifier," The Silver Institute Letter, Information on Silver for Industry, Vol. VI, Number 11, December 1976.					
	CE	K. Wefers, et al. "Oxides and Hydroxides of Aluminum," Alcoa Laboratories, 1987, Pages 51-52 of relevance.					
<b>EXAMINER:</b>					<b>DATE:</b>		